

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------|---|------------------|---------|------------------|
| L1 | 16 | ((kazuto) near2 (nagata)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/19 09:32 |
| L2 | 3 | ((yoshinori) near2 (naruta)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/19 09:32 |
| L3 | 3 | ((masatoshi) near2 (yakiyama)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/19 09:32 |
| L4 | 16 | (L1 or L2 or L3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/19 09:32 |
| S1 | 16 | ((kazuto) near2 (nagata)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:36 |
| S2 | 3 | ((yoshinori) near2 (naruta)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:37 |
| S3 | 3 | ((masatoshi) near2 (yakiyama)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:38 |
| S4 | 16 | (S1 or S2 or S3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:38 |

EAST Search History (Prior Art)

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| S5 | 1533 | polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:43 |
| S6 | 96 | polyacene.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 20:44 |
| S7 | 1533 | polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/16 09:05 |
| S8 | 2 | "20030116755" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:06 |
| S9 | 2 | "20080061287" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:08 |
| S10 | 1 | wo-03016599-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:16 |
| S11 | 2 | "20050240061" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:32 |
| S12 | 2 | ("5984737").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 10:36 |

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| S13 | 2 | ("5989737").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 10:36 |
| S14 | 2 | ("7061010").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 10:37 |
| S15 | 1533 | polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:44 |
| S16 | 295 | S15 same semiconductor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 10:44 |
| S17 | 2 | ("6690029").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 10:57 |
| S18 | 2 | ("6696117").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 10:58 |
| S19 | 1 | wo-0245184-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 11:15 |
| S20 | 0 | wo-2003080762-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 11:57 |

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| S21 | 0 | wo-20030080762-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 11:57 |
| S22 | 1 | wo-03080762-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 11:57 |
| S23 | 1 | wo-0056933-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 12:41 |
| S24 | 2 | "20070154624" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 13:49 |
| S25 | 3 | "20050258417" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 13:55 |
| S26 | 2 | "20030100779" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 15:06 |
| S27 | 4935 | ((257/40) or (568/306)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 21:41 |
| S28 | 131 | S27 and polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 21:43 |

EAST Search History (Prior Art)

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| S29 | 5870 | ((257/40) or (568/306) or (570/183) or (556/432,489)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/17 21:58 |
| S30 | 134 | S29 and polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/17 21:58 |
| S33 | 2 | ("7,214,821").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/18 15:18 |
| S34 | 2 | ("7595093").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/07/07 10:13 |
| S35 | 16 | ((kazuto) near2 (nagata)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:59 |
| S36 | 3 | ((yoshinori) near2 (naruta)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:59 |
| S37 | 3 | ((masatoshi) near2 (yakiyama)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:59 |
| S38 | 16 | (S35 or S36 or S37) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:59 |

EAST Search History (Prior Art)

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| S39 | 1745 | polyacene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/09 10:41 |
| S40 | 355 | S39 same semiconductor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/09 10:41 |
| S41 | 53 | S40 and (halo or chloro or bromo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/09 10:41 |
| S42 | 1 | wo-03028125-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/09 12:52 |
| S43 | 2 | jp-2004158719-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/09 13:11 |
| S44 | 2 | ("5332666").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/12/09 13:43 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------|------------------|---------|------------------|
| S31 | 99 | ((257/40) or (568/306)).CCLS. | UPAD | OR | OFF | 2010/01/17 21:41 |
| S32 | 103 | ((257/40) or (568/306) or (570/183) or (556/432,489)).CCLS. | UPAD | OR | OFF | 2010/01/17 21:58 |